

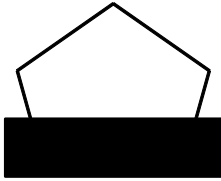
Name: \_\_\_\_\_

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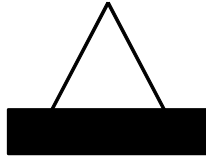
Chapter 1 Review Packet

1. Part of each polygon below is hidden. One of the 3 polygons is a **parallelogram**, another is a regular **pentagon**, and another is a **triangle**. Write the correct name of each polygon.

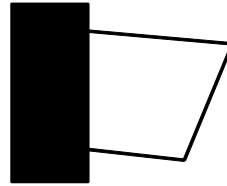
a.



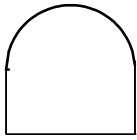
b.



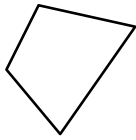
c.



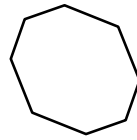
2.



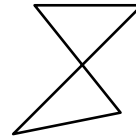
A



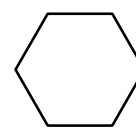
B



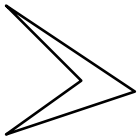
C



D



E



F

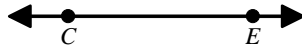
- a. Which of the above shapes are not polygons?  
b. Choose one of the shapes that is not a polygon. Tell why it is not a polygon.
3. I am a quadrangle.  
I have 4 right angles.  
I have 4 equal sides.
- a. What am I?  
b. Draw a picture of me.  
c. Use the letters A, B, C, and D to label the vertices of the quadrangle you drew.  
d. Name the quadrangle in four different ways.
4. Draw  $\overrightarrow{PQ}$  parallel to  $\overline{RS}$ . Draw line  $LM$  so that it intersects ray  $PQ$  and line segment  $RS$ .

Fill in the ovals below to show your answers. There may be more than one correct answer, so you may need to fill in more than one oval.

5.   $\overleftrightarrow{CE}$

$\overline{CE}$

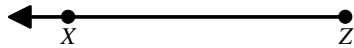
$\overrightarrow{EC}$



6.   $\overleftrightarrow{XZ}$

$\overline{XZ}$

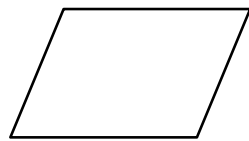
$\overrightarrow{ZX}$



7.  parallelogram

trapezoid

quadrangle



8.  trapezoid

rhombus

pentagon



9. a. Sketch each figure in the third column of the table.

<b>Label</b>	<b>Geometric Figure</b>	<b>Sketch</b>
A	rhombus	
B	parallel line segments	
C	right angle	
D	hexagon	

b. Use your Geometric Template and straightedge to draw a picture. Include as many geometric figures listed in the table as you can. Label each figure in your picture with its letter from the table.